

What is claimed is:

1 1. An injection molding method for a mold having a
2 first cavity and a second cavity, comprising the steps
3 of:

4 (a) hardening a plastic film;

5 (b) placing the plastic film in the first cavity;

6 (c) injecting a molten first plastic material into
7 the first cavity to attach the plastic film
8 onto the surface of the first plastic material,
9 such that the plastic film and the first
10 plastic material combine to form a first
11 object;

12 (d) separating the first object from the first
13 cavity;

14 (e) placing the first object in the second cavity;

15 (f) injecting a molten second plastic material into
16 the second cavity to combine the first object
17 with the second plastic material to form a
18 second object; and

19 (g) separating the second object from the second
20 cavity.

1 2. The injection molding method as claimed in
2 claim 1, wherein the plastic film and the first plastic
3 material are composed of a same plastic material.

1 3. The injection molding method as claimed in
2 claim 1, wherein the plastic film and the first plastic
3 material are transparent.

1 4. The injection molding method as claimed in
2 claim 1, wherein the second plastic material is colored.

1 5. The injection molding method as claimed in
2 claim 1, wherein the plastic film in the step (a) is
3 hardened by means of a chemical soaking method.

1 6. The injection molding method as claimed in
2 claim 1, further comprising a step between the steps (d)
3 and (e):

4 turning the mold to locate the second cavity in a
5 position corresponding to the first object.